ELSEVIER

Hearing Research 161 (2001) 123

HEARING RESEARCH

www.elsevier.com/locate/heares

Author Index Volume 161

Boettcher, F.A., see Poth, E.A. (161) 81
Brändle, U., Frohnmayer, S., Krieger, T., Zenner, H.P., Ruppersberg, J.P. and Maassen, M.M.
Expression of Ca^{2+}-activated K^+ channel subunits and splice variants in the rat cochlea (161) 23

Chen, L., Sun, W. and Salvi, R.J.
Electrically evoked otoacoustic emissions from the chicken ear (161) 54
Coppens, A.G., Kiss, R., Heizmann, C.W., Deltenre, P. and Poncelet, L.
An original inner ear neuroepithelial degeneration in a deaf Rottweiler puppy (161) 65

Deltenre, P., see Coppens, A.G. (161) 65
Dubno, J.R., see Poth, E.A. (161) 81

Fechter, L.D., see Rao, D.B. (161) 113
Frohnmayer, S., see Brändle, U. (161) 23

Garcia-Cairasco, N., see Moraes, M.F.D. (161) 35
Green, S.H., see Hansen, M.R. (161) 87
Gummer, A.W., see Meyer, J. (161) 10

Hansen, M.R., Vijapurkar, U., Koland, J.G. and Green, S.H.
Reciprocal signaling between spiral ganglion neurons and Schwann cells involves neuregulin and neurotrophins (161) 87
Heizmann, C.W., see Coppens, A.G. (161) 65
Hsu, C.-J., see Tan, C.-T. (161) 72

Jiang, S., see Li, X. (161) 29

Kirk, D.L.
Effects of 4-aminopyridine on electrically evoked cochlear emissions and mechano-transduction in guinea pig outer hair cells (161) 99
Kiss, R., see Coppens, A.G. (161) 65
Koland, J.G., see Hansen, M.R. (161) 87
Krieger, T., see Brändle, U. (161) 23

Lee, S.-Y., see Tan, C.-T. (161) 72
Li, N., see Li, X. (161) 29
Li, X., Sun, J., Yu, N., Sun, Y., Tan, Z., Jiang, S., Li, N. and Zhou, C.
Glutamate induced modulation of free Ca^{2+} in isolated inner hair cells of the guinea pig cochlea (161) 29
Lin-Shiau, S.-Y., see Tan, C.-T. (161) 72
Liu, S.-H., see Tan, C.-T. (161) 72

Maassen, M.M., see Brändle, U. (161) 23
Mack, A.F., see Meyer, J. (161) 10

Meyer, J., Mack, A.F. and Gummer, A.W.
Pronounced infracuticular endocytosis in mammalian outer hair cells (161) 10
Mills, J.H., see Poth, E.A. (161) 81
Moore, D.R., see Rao, D.B. (161) 113
Moraes, M.F.D. and Garcia-Cairasco, N.
Real time mapping of rat midbrain neural circuitry using auditory evoked potentials (161) 35

Poncelet, L., see Coppens, A.G. (161) 65
Poth, E.A., Boettcher, F.A., Mills, J.H. and Dubno, J.R.
Auditory brainstem responses in younger and older adults for broad-band noises separated by a silent gap (161) 81

Rao, D.B., Moore, D.R., Reinke, L.A. and Fechter, L.D.
Free radical generation in the cochlea during combined exposure to noise and carbon monoxide: an electrophysiological and an EPR study (161) 113
Reinke, L.A., see Rao, D.B. (161) 113
Ruppersberg, J.P., see Brändle, U. (161) 23

Salvi, R.J., see Chen, L. (161) 54
Schmiedt, R.A., see Suryadevara, A.C. (161) 45
Schulte, B.A., see Suryadevara, A.C. (161) 45
Slepecky, N.B., see Suryadevara, A.C. (161) 45
Sun, J., see Li, X. (161) 29
Sun, W., see Chen, L. (161) 54
Sun, Y., see Li, X. (161) 29
Suryadevara, A.C., Schulte, B.A., Schmiedt, R.A. and Slepecky, N.B.
Auditory nerve fibers in young and quiet-aged gerbils: morphometric correlations with endocochlear potential (161) 45

Tan, C.-T., Hsu, C.-J., Lee, S.-Y., Liu, S.-H. and Lin-Shiau, S.-Y.
Potentiation of noise-induced hearing loss by amikacin in guinea pigs (161) 72
Tan, Z., see Li, X. (161) 29

Vijapurkar, U., see Hansen, M.R. (161) 87

Wysocki, J.
Dimensions of the vestibular and tympanic scalae of the cochlea in selected mammals (161) 1

Yu, N., see Li, X. (161) 29

Zenner, H.P., see Brändle, U. (161) 23
Zhou, C., see Li, X. (161) 29

PII: S0378-5955()-

ELSEVIER

Hearing Research 161 (2001) 124–126

HEARING RESEARCH

www.elsevier.com/locate/heares

Subject Index Volume 161

4-Aminopyridine
Oto-acoustic emission; Mechano-receptor; Electro-motility (Kirk, D.L. (161) 99)

α-(4-Pyridyl-1-oxide)-*N*-*tert*-butylnitrone
Free radical; Cochlea; Auditory; Electron paramagnetic resonance spectroscopy; Spin–trap (Rao, D.B. (161) 113)

Aging
Gerbil; Auditory nerve; Hearing; Presbyacusis; Cochlea; Endocochlear potential (Suryadevara, A.C. (161) 45)

Presbyacusis; Evoked potential; Auditory brainstem response; Gap detection (Poth, E.A. (161) 81)

Amikacin
Distortion product otoacoustic emission; Noise; Outer hair cell; Guinea pig (Tan, C.-T. (161) 72)

Apical endocytosis
Outer hair cell; FM 1-43; Hensen's body; Protein turnover (Meyer, J. (161) 10)

Auditory
Free radical; Cochlea; Electron paramagnetic resonance spectroscopy; α-(4-Pyridyl-1-oxide)-*N*-*tert*-butylnitrone; Spin–trap (Rao, D.B. (161) 113)

Auditory brainstem response
Aging; Presbyacusis; Evoked potential; Gap detection (Poth, E.A. (161) 81)

Auditory evoked potential
Electric field vector; Neural circuitry; Functional mapping (Moraes, M.F.D. (161) 35)

Auditory nerve
Gerbil; Hearing; Presbyacusis; Aging; Cochlea; Endocochlear potential (Suryadevara, A.C. (161) 45)

Auditory system
K^+ channel; Cochlea; Maxi-K channel; Subunit expression; Reverse transcription polymerase chain reaction; Slo (Brändle, U. (161) 23)

Cell proliferation
Schwann cell; Cell survival; Spiral ganglion neuron; Neuregulin; Neurotrophin (Hansen, M.R. (161) 87)

Cell survival
Schwann cell; Spiral ganglion neuron; Cell proliferation; Neuregulin; Neurotrophin (Hansen, M.R. (161) 87)

Chicken
Electrically evoked otoacoustic emission; Hair cell; Kanamycin; Distortion product otoacoustic emission; Cochlear microphonic (Chen, L. (161) 54)

Cochlea
Auditory system; K^+ channel; Maxi-K channel; Subunit expression; Reverse transcription polymerase chain reaction; Slo (Brändle, U. (161) 23)

Glutamate; Inner hair cell; Intracellular free calcium; Guinea pig (Li, X. (161) 29)

Gerbil; Auditory nerve; Hearing; Presbyacusis; Aging; Endocochlear potential (Suryadevara, A.C. (161) 45)

Free radical; Auditory; Electron paramagnetic resonance spectroscopy; α-(4-Pyridyl-1-oxide)-*N*-*tert*-butylnitrone; Spin–trap (Rao, D.B. (161) 113)

Cochlear microphonic
Electrically evoked otoacoustic emission; Chicken; Hair cell; Kanamycin; Distortion product otoacoustic emission (Chen, L. (161) 54)

Cochlear scalae
Measurement; Comparative anatomy; Mammal (Wysocki, J. (161) 1)

Comparative anatomy
Cochlear scalae; Measurement; Mammal (Wysocki, J. (161) 1)

Deafness
Puppy; Neuroepithelial degeneration; Neuron; Immunohistochemistry (Coppens, A.G. (161) 65)

Distortion product otoacoustic emission
Electrically evoked otoacoustic emission; Chicken; Hair cell; Kanamycin; Cochlear microphonic (Chen, L. (161) 54)

Noise; Amikacin; Outer hair cell; Guinea pig (Tan, C.-T. (161) 72)

Electric field vector
Auditory evoked potential; Neural circuitry; Functional mapping (Moraes, M.F.D. (161) 35)

Electrically evoked otoacoustic emission
Chicken; Hair cell; Kanamycin; Distortion product otoacoustic emission; Cochlear microphonic (Chen, L. (161) 54)

Electro-motility
Oto-acoustic emission; 4-Aminopyridine; Mechano-receptor (Kirk, D.L. (161) 99)

PII: S0378-5955()-

Electron paramagnetic resonance spectroscopy
Free radical; Cochlea; Auditory; α-(4-Pyridyl-1-oxide)-*N*-*tert*-butylnitrone; Spin–trap (Rao, D.B. (161) 113)

Endocochlear potential
Gerbil; Auditory nerve; Hearing; Presbyacusis; Aging; Cochlea (Suryadevara, A.C. (161) 45)

Evoked potential
Aging; Presbyacusis; Auditory brainstem response; Gap detection (Poth, E.A. (161) 81)

FM 1-43
Outer hair cell; Apical endocytosis; Hensen's body; Protein turnover (Meyer, J. (161) 10)

Free radical
Cochlea; Auditory; Electron paramagnetic resonance spectroscopy; α-(4-Pyridyl-1-oxide)-*N*-*tert*-butylnitrone; Spin–trap (Rao, D.B. (161) 113)

Functional mapping
Electric field vector; Auditory evoked potential; Neural circuitry (Moraes, M.F.D. (161) 35)

Gap detection
Aging; Presbyacusis; Evoked potential; Auditory brainstem response (Poth, E.A. (161) 81)

Gerbil
Auditory nerve; Hearing; Presbyacusis; Aging; Cochlea; Endocochlear potential (Suryadevara, A.C. (161) 45)

Glutamate
Inner hair cell; Cochlea; Intracellular free calcium; Guinea pig (Li, X. (161) 29)

Guinea pig
Glutamate; Inner hair cell; Cochlea; Intracellular free calcium (Li, X. (161) 29)

Distortion product otoacoustic emission; Noise; Amikacin; Outer hair cell (Tan, C.-T. (161) 72)

Hair cell
Electrically evoked otoacoustic emission; Chicken; Kanamycin; Distortion product otoacoustic emission; Cochlear microphonic (Chen, L. (161) 54)

Hearing
Gerbil; Auditory nerve; Presbyacusis; Aging; Cochlea; Endocochlear potential (Suryadevara, A.C. (161) 45)

Hensen's body
Outer hair cell; Apical endocytosis; FM 1-43; Protein turnover (Meyer, J. (161) 10)

Immunohistochemistry
Puppy; Deafness; Neuroepithelial degeneration; Neuron (Coppens, A.G. (161) 65)

Inner hair cell
Glutamate; Cochlea; Intracellular free calcium; Guinea pig (Li, X. (161) 29)

Intracellular free calcium
Glutamate; Inner hair cell; Cochlea; Guinea pig (Li, X. (161) 29)

K^+ channel
Auditory system; Cochlea; Maxi-K channel; Subunit expression; Reverse transcription polymerase chain reaction; Slo (Brändle, U. (161) 23)

Kanamycin
Electrically evoked otoacoustic emission; Chicken; Hair cell; Distortion product otoacoustic emission; Cochlear microphonic (Chen, L. (161) 54)

Mammal
Cochlear scalae; Measurement; Comparative anatomy (Wysocki, J. (161) 1)

Maxi-K channel
Auditory system; K^+ channel; Cochlea; Subunit expression; Reverse transcription polymerase chain reaction; Slo (Brändle, U. (161) 23)

Measurement
Cochlear scalae; Comparative anatomy; Mammal (Wysocki, J. (161) 1)

Mechano-receptor
Oto-acoustic emission; 4-Aminopyridine; Electro-motility (Kirk, D.L. (161) 99)

Neural circuitry
Electric field vector; Auditory evoked potential; Functional mapping (Moraes, M.F.D. (161) 35)

Neuregulin
Schwann cell; Cell survival; Spiral ganglion neuron; Cell proliferation; Neurotrophin (Hansen, M.R. (161) 87)

Neuroepithelial degeneration
Puppy; Deafness; Neuron; Immunohistochemistry (Coppens, A.G. (161) 65)

Neuron
Puppy; Deafness; Neuroepithelial degeneration; Immunohistochemistry (Coppens, A.G. (161) 65)

Neurotrophin
Schwann cell; Cell survival; Spiral ganglion neuron; Cell proliferation; Neuregulin (Hansen, M.R. (161) 87)

Noise
Distortion product otoacoustic emission; Amikacin; Outer hair cell; Guinea pig (Tan, C.-T. (161) 72)

Oto-acoustic emission
4-Aminopyridine; Mechano-receptor; Electro-motility (Kirk, D.L. (161) 99)

Outer hair cell
Apical endocytosis; FM 1-43; Hensen's body; Protein turnover (Meyer, J. (161) 10)

Distortion product otoacoustic emission; Noise; Amikacin; Guinea pig (Tan, C.-T. (161) 72)

Presbyacusis
Gerbil; Auditory nerve; Hearing; Aging; Cochlea; Endocochlear potential (Suryadevara, A.C. (161) 45)

Aging; Evoked potential; Auditory brainstem response; Gap detection (Poth, E.A. (161) 81)

Protein turnover
Outer hair cell; Apical endocytosis; FM 1-43; Hensen's body (Meyer, J. (161) 10)

Puppy
Deafness; Neuroepithelial degeneration; Neuron; Immunohistochemistry (Coppens, A.G. (161) 65)

Reverse transcription polymerase chain reaction
Auditory system; K^+ channel; Cochlea; Maxi-K channel; Subunit expression; Slo (Brändle, U. (161) 23)

Schwann cell
Cell survival; Spiral ganglion neuron; Cell proliferation; Neuregulin; Neurotrophin (Hansen, M.R. (161) 87)

Slo
Auditory system; K^+ channel; Cochlea; Maxi-K channel; Subunit expression; Reverse transcription polymerase chain reaction (Brändle, U. (161) 23)

Spin–trap
Free radical; Cochlea; Auditory; Electron paramagnetic resonance spectroscopy; α-(4-Pyridyl-1-oxide)-*N*-*tert*-butylnitrone (Rao, D.B. (161) 113)

Spiral ganglion neuron
Schwann cell; Cell survival; Cell proliferation; Neuregulin; Neurotrophin (Hansen, M.R. (161) 87)

Subunit expression
Auditory system; K^+ channel; Cochlea; Maxi-K channel; Reverse transcription polymerase chain reaction; Slo (Brändle, U. (161) 23)